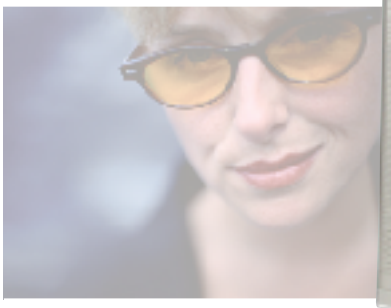
Your Gateway 18" LCD TV

user's guide



Setting up | Troubleshooting | Gateway®

Contents

1 Introducing Your Gateway LCD TV 1

Features 2
Important safeguards 3
Package contents 5
Accessories 7
Turning on your LCD TV 8
Front controls 9
Back panel connections 11
Audio and video connections 12
Remote control 13
Inserting batteries 14

2 Connecting Components 15

Understanding video connections 16
Connecting your DVD player 17
Using component video 17
Using S-Video 18
Using composite video 19
Connecting your HDTV decoder set-top box 20
Using component video 20
Connecting your VCR or video camera 21
Using S-Video 21
Using composite video 22
Using coaxial (RF) audio and video (VCR only) 23
Connecting off-air TV or cable TV 24
Using coaxial (RF) audio and video 24
Connecting a computer 25
Using RGB video 25

3 Adjusting Your LCD TV Settings 27

Using the OSD 28
OSD menus and options (TV and video mode) 29
OSD menus and options (PC video mode) 30
Setting the sleep timer 32
Using parental controls 33
Setting a password 36

4 Maintenance and Troubleshooting 41

Cleaning and maintenance 42
Cleaning the screen 42
Cleaning the exterior 42
Troubleshooting 43
LCD TV 43
Telephone support 44

A Safety, Regulatory, and Legal Information 45

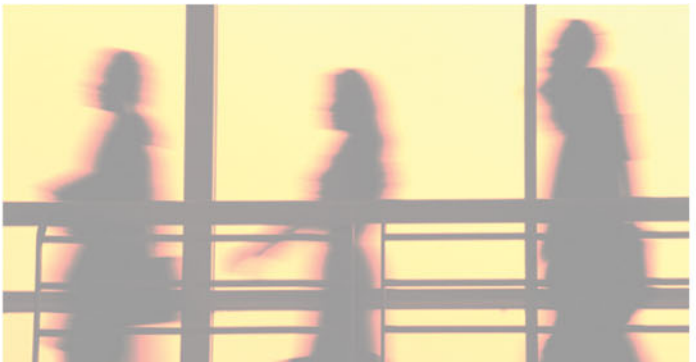
Index 51

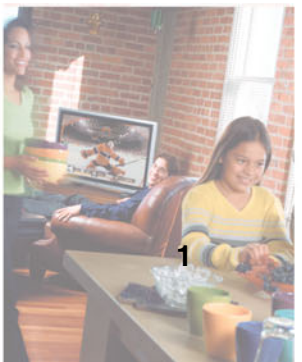
1 Introducing Your Gateway LCD TV

This chapter provides basic information about your Gateway LCD TV.

Read this chapter to learn about:

- Features
- Warnings and safeguards
- Package contents
- Controls and connections





Features

Your LCD TV features:

- Bright, flicker-free image
- Automatic detection and conversion of film content for correct display with minimal motion artifacts (noise)
- Accurate color processing
- Picture-in-picture (PIP)
- HDTV signal compatibility using an external HDTV decoder with RGB
- Multi-Scan support
- Built-in internal amplifier and speakers
- 1024 × 768 XVGA support for computer input

Important safeguards

Warning

Risk of electric shock - Do not open

To reduce the risk of electric shock, do no remove the back cover. There are no user-serviceable parts inside. Removing the back cover voids the warranty.

Have your LCD TV repaired by qualified service personnel only.

Warnings and precautions

- Do not place your hands, face, or objects close to the ventilation openings of your LCD TV. The top of your LCD TV gets very hot from exhaust air that is released through the ventilation openings. Burns or personal injuries may occur if you are too close to the LCD TV. Damage may occur if you place any object near the top of your LCD TV.
- Disconnect all cables before moving your LCD TV. Moving your LCD TV with its cables attached may damage the cables and cause fire or electric shock danger.
- Do not expose your LCD TV to rain or moisture.
- Keep your LCD TV away from excessive dust, high temperatures, moisture, or direct sunlight.
- Use your LCD TV in a well-ventilated area and do not cover the ventilation openings.
- Do not modify your LCD TV or use an unshielded power cord or video input source cable, or you may experience excessive interference.
- Disconnect your LCD TV and unplug the power cord when the TV is not used for a long period of time.
- If the picture displayed is in any way abnormal, turn off your LCD TV, then disconnect it from the electrical outlet. Make sure that your video input source cable is connected correctly, then reconnect your LCD TV to the electrical outlet.
- Disconnect your LCD TV from the electrical outlet before cleaning or performing maintenance. Do not use liquid or aerosol cleaners. Use only a slightly damp cloth for cleaning.
- Do not place your LCD TV on an unstable cart, stand, or table. Your LCD TV may fall, causing serious damage.

- Do not place your LCD TV on a bed, sofa, rug, or other similar surfaces.
- Never place your LCD TV near or over a radiator or heat source.
- Do not install your LCD TV in an enclosed area unless correct ventilation is provided.
- Your LCD TV should be operated from the type of power source indicated on the label. If the type of available power is unknown, consult your electrician or local power company.
- Your LCD TV is equipped with a 3-pin grounded plug. The plug will only fit into a grounded power outlet. This is a safety feature. If you cannot plug the power cord into the outlet, contact your electrician. Do not alter the plug because this will defeat the safety feature.
- Do not rest objects on the power cord and avoid placing the power cord near high traffic areas.
- Do not overload wall outlets and extension cords because this can result in a risk of fire or electric shock.
- Unplug your LCD TV and contact qualified service personnel if:
  - The power cord or plug is damaged or frayed.
  - Liquid has been spilled into your LCD TV.
  - Your LCD TV has been exposed to water or moisture.
  - Your LCD TV does not operate normally when the operating instructions are followed. Adjust only those controls that are covered by the operating instructions. Incorrect adjustment of other controls may result in damage which often requires extensive work by a qualified technician to restore your LCD TV to normal operation.
  - Your LCD TV has been dropped or the cabinet has been damaged.

Package contents

Along with your LCD TV, the packaging box contains the following items:

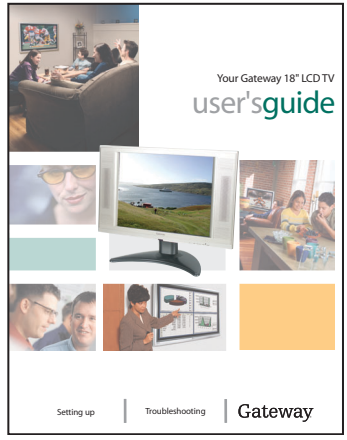
Remote control	
Two AAA batteries	
CATV cable	

Composite cable (AV cable)

Power cord

TV antenna cable

User guide



Accessories

You can purchase these optional accessories for your LCD TV:

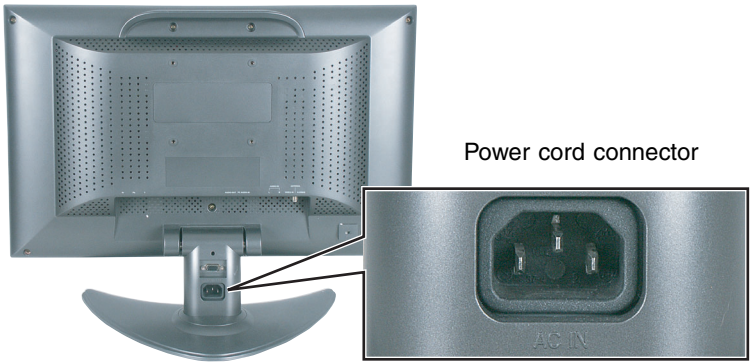
- **Cable kits**. Gateway cable kits consist of high-quality gold cables of various lengths, including:
  - RCA audio cable
  - RCA composite video cable
  - RCA component video cable
  - S-Video cable
  - VGA video cable

Contact Gateway for these and other accessories.

Turning on your LCD TV

To turn on your LCD TV:

1 Connect the power cord to the power cord connector on the back of your LCD TV, then plug the other end of the power cord into a correctly grounded electrical outlet or surge protector.



2 Press the power button on the remote control or the front of your LCD TV. The Status LED on the front turns green.

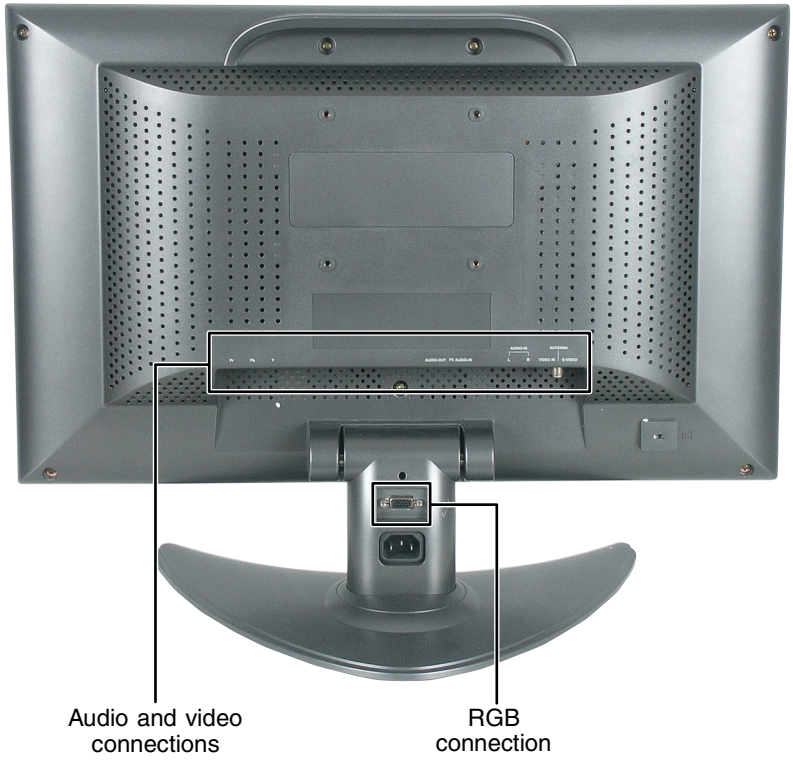
Warning

For added protection during a lightning storm or when it is left unattended or unused for long periods of time, unplug your LCD TV from the wall outlet and disconnect the antenna or cable system.

Front controls

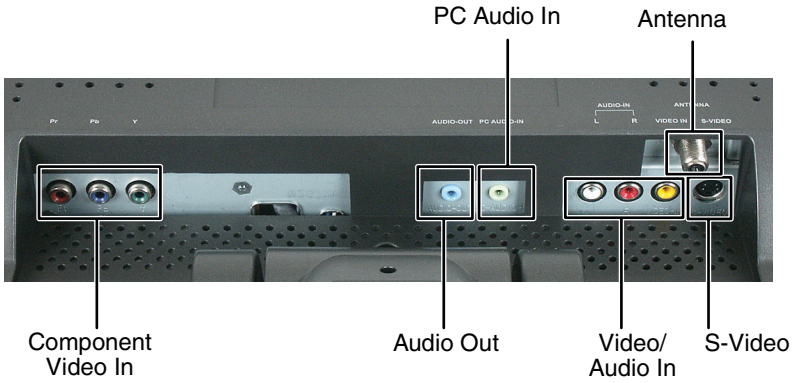
Button	Description
Volume + and –	Increases or decreases the volume. OSD active: Adjusts on-screen display (OSD) options. For more information, see “Using the OSD” on page 28.
Menu	Opens and closes the OSD.
Channel △ and ▽	Changes the channel. OSD active: Selects on-screen display (OSD) options. For more information, see “Using the OSD” on page 28.
Enter	Changes the video input source. OSD active: Opens a submenu and confirms selections in the OSD.
Status LED	▪ Not lit - No AC power is detected. The LCD TV is turned off or the power cord is disconnected. ▪ Solid Green - Your LCD TV is on.
Power	Turns your LCD TV on and off. When you turn your LCD TV on or off, wait three seconds before pressing this button again.

Back panel connections



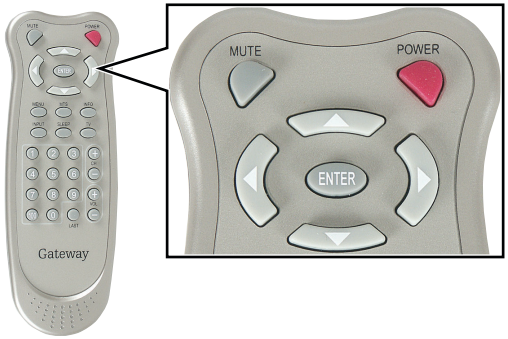
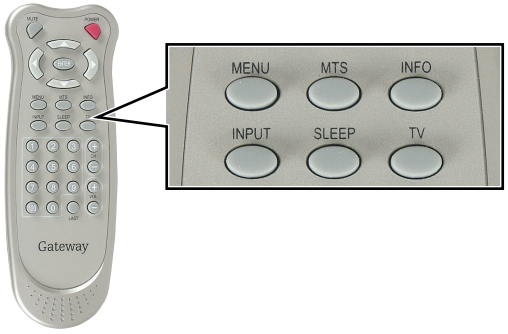
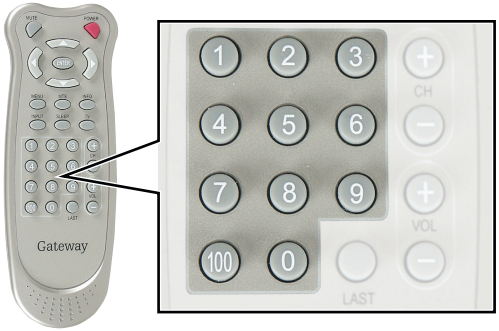
Connector	Description
Audio and video connections	See “Audio and video connections” on page 12.
RGB connection	Connects a computer or set-top box.

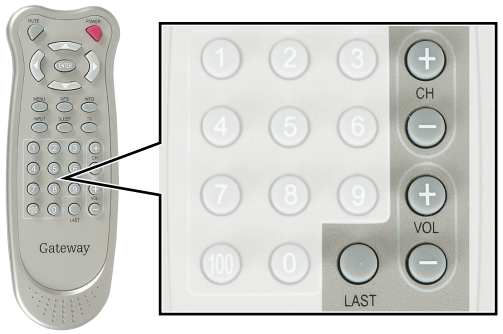
Audio and video connections



Connector	Description
PC Audio In	Connects to a computer.
Antenna	Connects to a VHF/UHF antenna or cable TV.
Component Video In	Connects to a component video device, such as a DVD player.
Audio Out	Connects to an audio device, such as a receiver.
Video/Audio In	Connects to a composite audio/video device, such as a VCR.
S-Video	Connects to an S-Video device, such as a satellite dish receiver or digital cable box.

Remote control

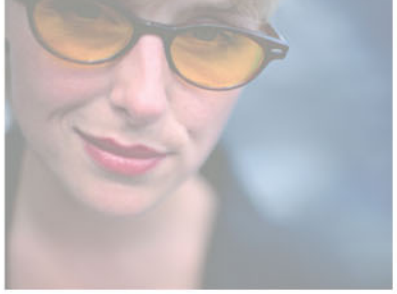
Button	Function
	**MUTE.** Turns the sound on and off. **POWER.** Turns the LCD TV on and off. △, ▽, ◁, ▷. Navigates the on-screen display (OSD) menus. **ENTER.** Opens a sub-menu and confirms selections in the OSD.
	**MENU.** Opens and closes the OSD. **MTS.** Turns MTS and SAP stereo on and off. **INFO.** Shows the current status of your LCD TV, such as the video input source and channel number. **INPUT.** Changes the video input source. **SLEEP.** Turns on the sleep timer. **TV.** Selects TV as the video input source.
	**Number button pad.** Selects a channel or enters a password. **100.** Enters channel numbers greater than 100.

Button	Function
	**VOL.** Turns volume up or down. **CH.** Changes the channel. **LAST**. Recalls the previously viewed channel.

Inserting batteries

To replace or install batteries:

- Insert two AAA batteries into the remote control. Make sure that you match the + and – on the batteries with the + and – symbols inside the battery compartment.



Connecting Components

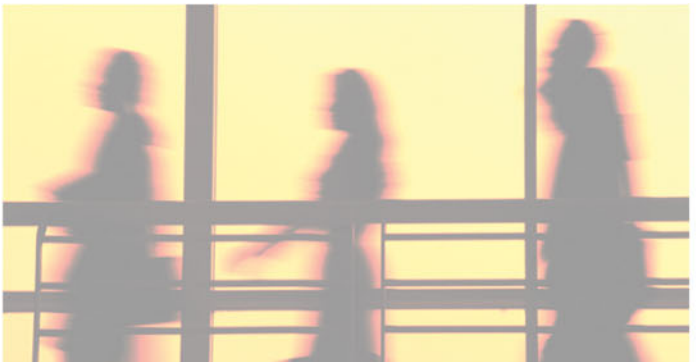
2

Read this chapter to learn how to connect:

- DVD players
- HDTV decoder set-top boxes
- VCRs
- Off-air TV and cable TV
- Computers

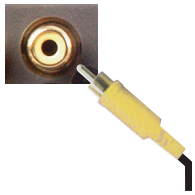
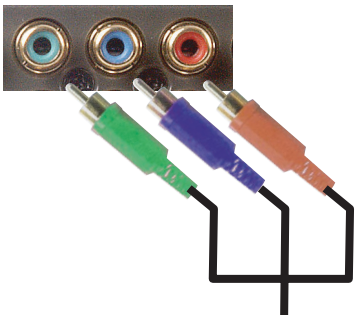
Warning

Before connecting any external components, unplug your LCD TV. To restart your LCD TV, see “Turning on your LCD TV” on page 8.



Understanding video connections

Your LCD TV has four types of standard video connections. You should use the best connection available to get the best display. For example, if your DVD player supports a component video connection, connect the DVD player to your LCD TV using component video instead of composite video or S-Video.

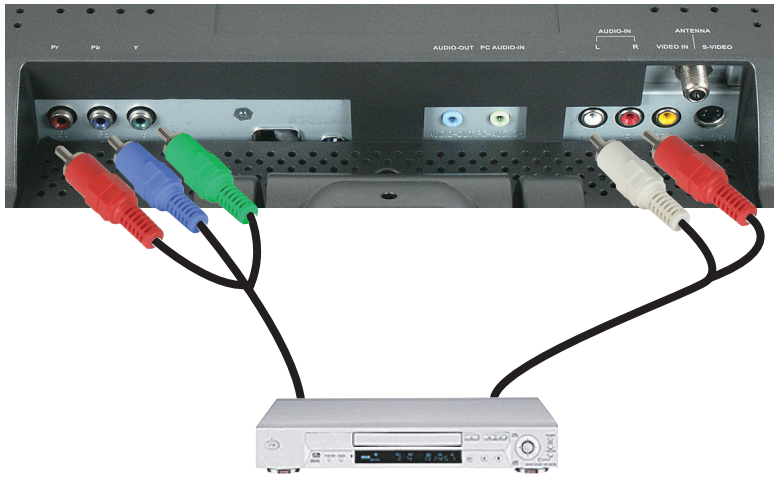
Connection Quality	Cable and Connector	Description
Basic		**Coaxial (RF).** The video and audio signals are both carried in one cable (the other three connection types only handle video, and require separate connections for sound). Coaxial is the only way to connect an antenna to your LCD TV.
Good		**Composite (AV).** The video signal is carried through a single “pin.” This connection method is the one that is most commonly found on devices.
Better		**S-Video.** The video signal is split into two signals, black-and-white and color. Text displayed on-screen through this connection will be noticeably sharper then composite or coaxial (RF).
Best		**Component (YPbPr).** The video signal is split into three signals, two color, and one black-and-white. Use component video to take advantage of the superior picture provided by signal sources as HDTV and DVD.

Connecting your DVD player

Using component video

Make sure that your DVD player is not set for progressive scan output.

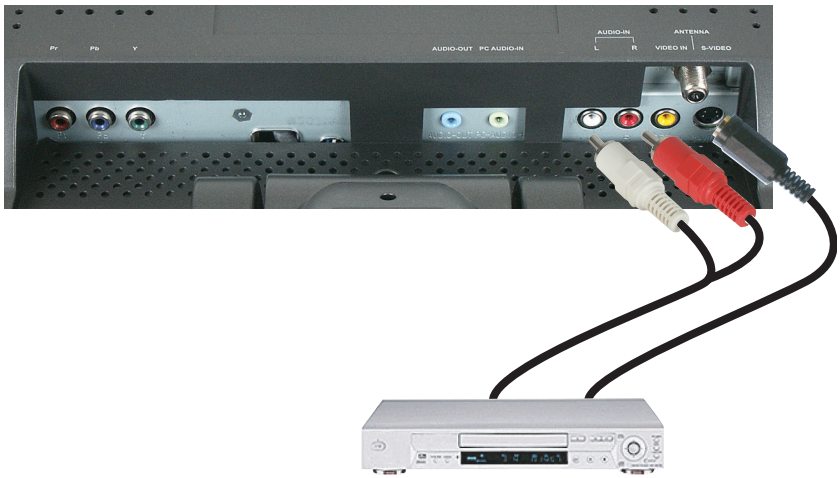
To connect your DVD player using component video:



1. Connect the green-colored Y jack on the back of your DVD player to the green jack on the back of your LCD TV.
2. Connect the blue-colored P_B or C_B jack on the back of your DVD player to the blue jack on the back of your LCD TV.
3. Connect the red-colored P_R or C_R jack on the back of your DVD player to the red jack on the back of your LCD TV.
4. Connect the red (R) and white (L) audio jacks on the back of your DVD player to the R and L audio jacks on the back of your LCD TV.
5. Press the **INPUT** button on the remote control repeatedly to select **YPbPr**.

Using S-Video

To connect your DVD player using S-Video:



1. Connect the S-Video jack on the back of your DVD player to the S-Video jack on the back of your LCD TV.
2. Connect the red (R) and white (L) audio jacks on the back of your DVD player to the R and L audio jacks on the back of your LCD TV.
3. Press the **INPUT** button on the remote control repeatedly to select **S-Video**.

Using composite video

To connect your DVD player using composite video:

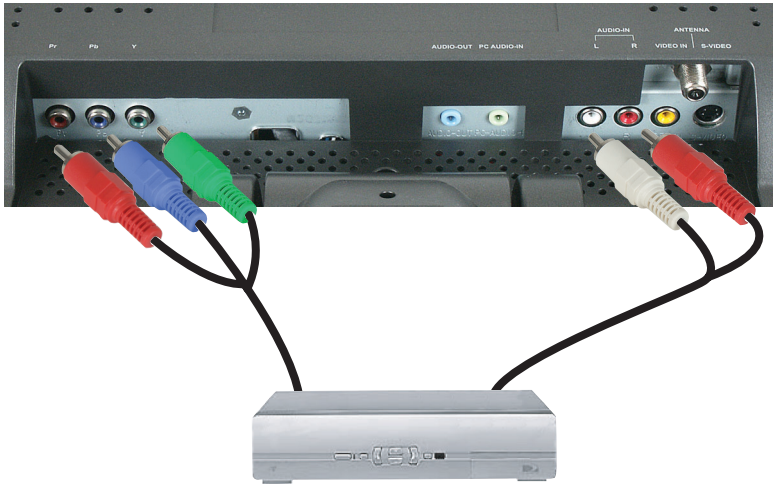
1. Connect the yellow video jack on the back of your DVD player to the yellow video jack on the back of your LCD TV.
2. Connect the red (R) and white (L) audio jacks on the back of your DVD player to the R and L audio jacks on the back of your LCD TV.
3. Press the **INPUT** button on the remote control repeatedly to select **AV**.

Connecting your HDTV decoder set-top box

Using component video

Make sure that your HDTV set-top box is not set for progressive scan output.

To connect your HDTV decoder set-top box using component video:



1. Connect the green Y jack on the back of your HDTV set-top box to the green jack on the back of your LCD TV.
2. Connect the blue P_B or C_B jack on the back of your HDTV set-top box to the blue jack on the back of your LCD TV.
3. Connect the red P_R or C_R jack on the back of your HDTV set-top box to the red jack on the back of your LCD TV.
4. Connect the red (R) and white (L) audio jacks on the back of your HDTV set-top box to the R and L audio jacks on the back of your LCD TV.
5. Press the **INPUT** button on the remote control repeatedly to select **YPbPr**.

Connecting your VCR or video camera

Using S-Video

To connect your VCR or video camera using S-Video:

1. Connect the S-Video jack on the back of your VCR or video camera to the S-Video jack on the back of your LCD TV.
2. Connect the red (R) and white (L) audio jacks on the back of your VCR or video camera to the R and L audio jacks on the back of your LCD TV.
3. Press the **INPUT** button on the remote control repeatedly to select **S-Video**.

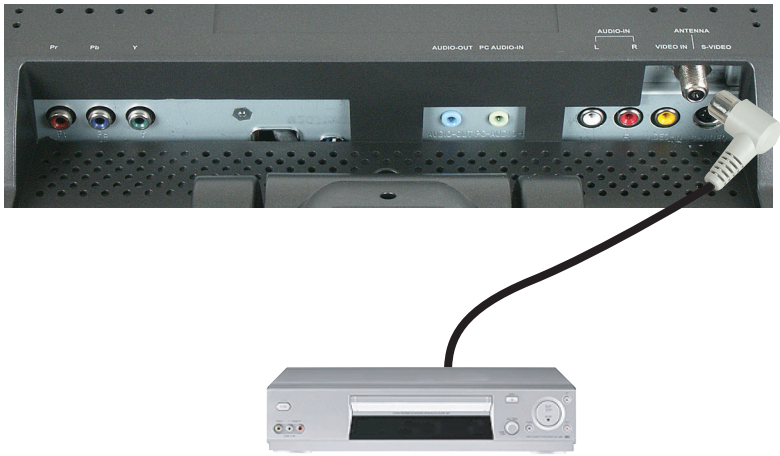
Using composite video

To connect your VCR or video camera using composite video:

1. Connect the yellow video jack on the back of your VCR or video camera to the yellow video jack on the back of your LCD TV.
2. Connect the red (R) and white (L) audio jacks on the back of your VCR or video camera to the R and L audio jacks on the back of your LCD TV.
3. Press the **INPUT** button on the remote control repeatedly to select **AV**.

Using coaxial (RF) audio and video (VCR only)

To connect your VCR using coaxial (RF) audio and video:



1. Connect the "output to TV" (RF out or Antenna out) jack on the back of your VCR to the TV In connector on the back of your LCD TV.
2. Press the **INPUT** button on the remote control repeatedly to select **TV**.

If you have an off-air antenna or cable box, connect your off-air antenna or cable TV cable to the ANT connector on the back of your VCR.

Warning

If an outdoor antenna or cable system is connected to your LCD TV, make sure that the antenna or cable system is correctly grounded. For more information, see "Television antenna connectors protection (for systems fitted with TV/cable TV tuner cards)" on page 47.

Connecting off-air TV or cable TV

Using coaxial (RF) audio and video

To connect off-air TV or cable TV using coaxial (RF) audio and video:

1. Connect the coaxial (RF) connector from your antenna, cable TV, or cable box to the TV In connector on the back of your LCD TV.
2. Press the **INPUT** button on the remote control repeatedly to select **TV**.

If you have connected a VCR to the ANT connector on the back of your LCD TV, connect your off-air TV or cable TV cable to the ANT connector on the back of your VCR.

Warning

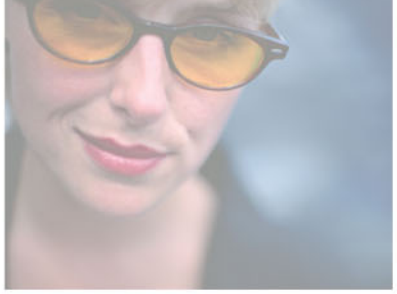
If an outdoor antenna or cable system is connected to your LCD TV, make sure that the antenna or cable system is correctly grounded. For more information, see “Television antenna connectors protection (for systems fitted with TV/cable TV tuner cards)” on page 47.

Connecting a computer

Using RGB video

To connect your computer using RGB video:

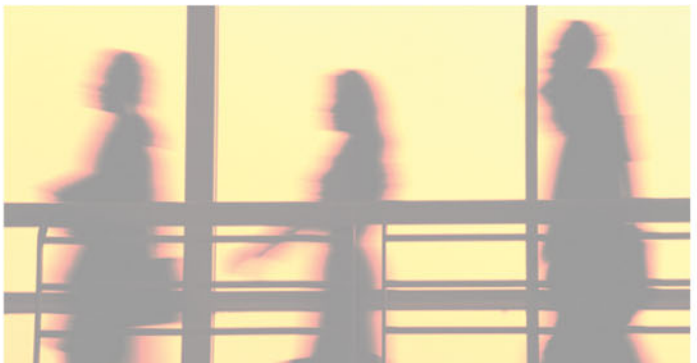
1. Connect the 15-pin D-Sub RGB connector on your computer to the RGB In connector on the back of your LCD TV.
2. Connect the Audio Out jack on your computer to the PC Audio In jack on the back of your LCD TV.
3. Press the **INPUT** button on the remote control repeatedly to select **PC**.



Adjusting Your LCD TV Settings

3

Read this chapter to learn how to adjust your LCD TV settings from the on-screen display (OSD).



Using the OSD

Your LCD TV features an on-screen display (OSD) that lets you adjust and save contrast, brightness, and other settings. Your LCD TV saves changes you make to the settings, even if you turn your TV off.

To adjust settings from the OSD:

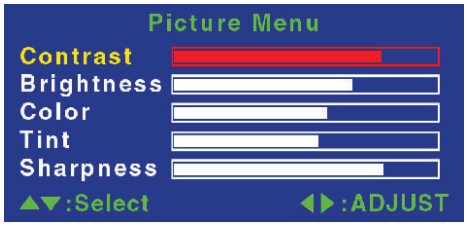
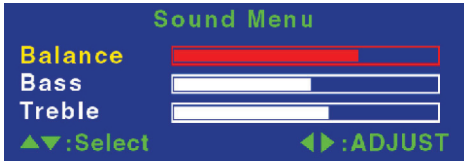
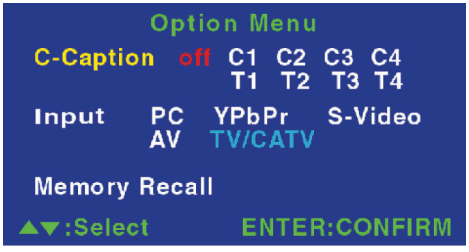
1. Press the **MENU** button on the remote control or on the front of your LCD TV. The OSD opens.
2. Press the **MENU** button on the remote control or on the front of your LCD TV to select the menu you want.
3. Press the △ or ▽ button on the remote control or the CH △ or ▽ button on the front of your LCD TV to select a menu option.
4. Press the **ENTER** button on the remote control or on the front of your LCD TV to select the option.
5. Press the ◁ or ▷ button on the remote control or the VOL + or – on the front of your LCD TV to adjust the option setting.
6. Press the **MENU** button on the remote control or on the front of your LCD TV and the OSD closes.

If you are using TV, Composite (AV), S-Video, or Component (YPbPr) video for your video source, go to “OSD menus and options (TV and video mode)” on page 29.

If you are using RGB (PC) for your video source, go to “OSD menus and options (PC video mode)” on page 30.

OSD menus and options (TV and video mode)

You can use these OSD menus and options to adjust various settings for your LCD TV.

OSD Menu	Description
Picture 	**Contrast.** Adjusts the contrast of the picture. **Brightness.** Adjusts the brightness of the picture. You may need to readjust brightness after the LCD TV warms up. **COLOR.** Adjusts the color saturation making colors more intense. **TINT.** Adjusts the color of flesh tones. Not available in YPbPr mode. **Sharpness.** Adjusts the amount of detail enhancement. Not available in YPbPr mode.
Sound 	**Balance.** Adjusts the balance level between the speakers. **Bass.** Adjusts the bass. **Treble.** Adjusts the treble.
Option 	**C-Caption.** Activates and selects the closed captioning option. Only available in TV mode. **Input.** Sets the video input source. **Memory Recall.** Resets picture settings to the factory default.

OSD Menu	Description
Setup 	**TV/CATV Select.** Selects the source for the tuner. **Auto Scan.** When this option is selected, your LCD TV adds all channels that have a signal to the channel list. **Channel.** Adds the channel to the channel list. Delete removes the channel from the channel list. **Parental Control.** Activates parental controls. You need the remote control to use this option.

OSD menus and options (PC video mode)

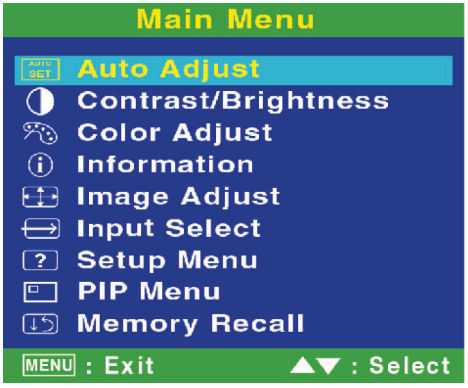
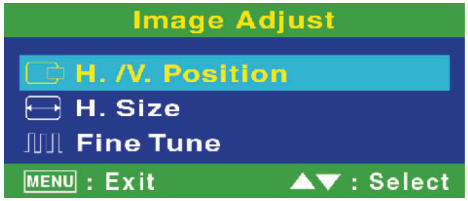
Main 	**Auto Adjust.** Automatically adjusts the settings for the video input source. **Contrast/Brightness.** Adjusts the Contrast and Brightness settings. ▪ **Contrast.** Adjusts the contrast of the picture. ▪ **Brightness.** Adjusts the brightness of the picture. You may need to readjust brightness after the LCD TV warms up. **Color Adjust.** Adjusts the color to a preset mode. You can also customize the red, green and blue separately. **Information.** Displays the current H Frequency, V Frequency, Pixel Clock, and Resolution settings. **Image Adjust.** Adjusts the H Position, V Position Fine Tune, and Sharpness settings. **Input Select.** Sets the video input source. **Setup Menu.** Adjusts the OSD Position and OSD Timeout settings. **PIP Menu.** Turns PIP off and on and adjusts the Source Select and H/V Position settings. **Memory Recall.** Resets picture settings to the factory default.

Image Adjust



H/V Position. Adjusts the horizontal and vertical screen position.

H Size. Adjusts the horizontal screen size.

Fine Tune. Adjusts the delay time.

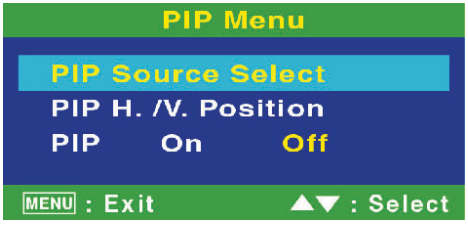
Sharpness. Adjusts the amount of detail enhancement.

Setup Menu

OSD Position. Adjusts the position of the OSD within the display image.

OSD Timeout. Specifies the number of seconds the OSD menu is displayed before it turns off automatically.

PIP Menu



When PIP is turned on, you can display two pictures at one time. The picture on the full screen is the main picture. The picture in the window is the sub-picture.

PIP mode only works when the picture displayed on the full screen comes from the RGB video input.

The sub-picture video input source can be set to the TV/CATV, S-Video, AV, or YPbPr (component video).

PIP Source. Changes the video input source of the sub-picture when PIP is turned on.

PIP H/V Position. Moves the sub-picture within the display image.

Setting the sleep timer

The sleep timer lets you set a time delay to turn off your LCD TV automatically. One minute before the timer turns off your LCD TV, the timer appears showing the seconds remaining before your LCD TV turns off.

To set the sleep timer using the remote control:

1. Press the **SLEEP** button on the remote control. The sleep timer appears in the upper-right corner of your screen.
2. Press the **SLEEP** button one or more times to select the time you want.

To turn off the sleep timer using the remote control:

- Press the **SLEEP** button repeatedly until Sleep: OFF appears.

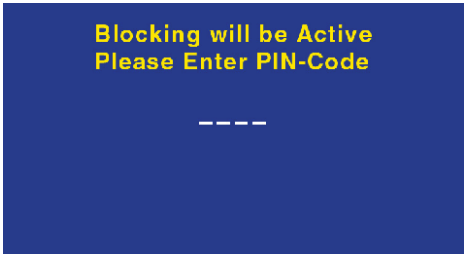
Using parental controls

The parental controls feature prevents viewers from watching programs that are not age-appropriate, such as programs containing violence or adult language.

To set the parental controls:

1. Press the **MENU** button on remote control to open the OSD.
2. Press the **MENU** button repeatedly until the *Setup Menu* opens.

3. Press the △ and ▽ buttons to select the **Parental Control** sub-menu, then press **ENTER** to open the menu.



4 Use the number pad to enter your password when prompted. If you have not set a password, enter **0000**. For more information about setting a password, see "Setting a password" on page 36.

5 Press the ◁ and ▷ buttons on the remote control to select **On**, then press **ENTER** to confirm your selection.

6 Press the △ and ▽ buttons to select the **MPAA Rating Guide** sub-menu, then press **ENTER** to open the menu.

On this menu you can select the following MPAA movie ratings:

- G (general audience)
- PG (parental guidance suggested)
- PG-13 (recommended for children 13 years of age and older)
- R (mature audience)
- NC-17 (no one under 17 years of age)
- X (no one under 17 years of age)

7 Press the ◁ and ▷ buttons to select each rating, and press **ENTER** to set the ratings to Blocked (**B**) or Unblocked (**U**).

8 Press **MENU** to return to the *Parental Controls* menu.

9 Press the △ and ▽ buttons to select the **TV Rating Guide** sub-menu, then press **ENTER** to open the menu.

On this menu, you can customize the following TV ratings:

- Y (all children)
- Y7 (older children)
- G (general audience)
- PG (guidance suggested)
- 14 (strongly cautioned)
- MA (mature audience)

10 Press the △ ▽ ◁ ▷. buttons to select each rating, and press **ENTER** to set the ratings to Blocked (**B**) or Unblocked (**U**).

- All (blocks the total rating)
- D (sexual dialog)
- L (adult language)
- S (sexual situations)
- V (violence)
- FV (fantasy violence)

11 Press **MENU** to return to the *Parental Control* menu.

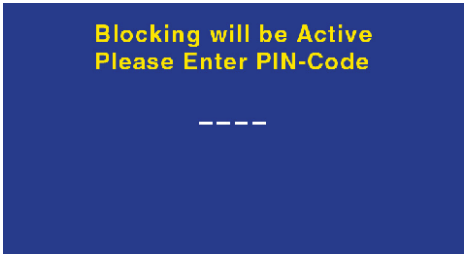
Setting a password

You control access to the parental controls with a password. The default password is **0000**. You can change the password to any four-digit number.

To change the security password:

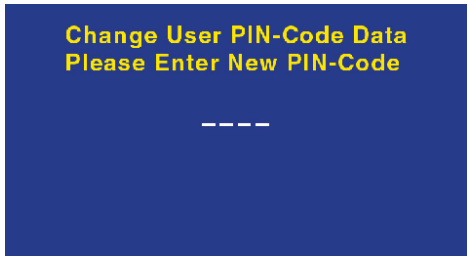
1. Press the **MENU** button on remote control to open the OSD.
2. Press the **MENU** button again until the *Setup Menu* opens.

3. Press the △ and ▽ buttons to select the **Parental Control** sub-menu, then press **ENTER** to open the menu.

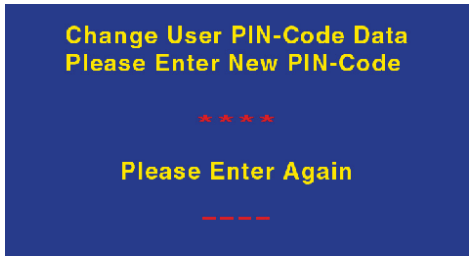


4. Use the number pad to enter your password when prompted. If you have not set a password, enter **0000**.

5 Press the △ and ▽ buttons to select the **New PIN-Code** option, then press **ENTER**.



6 Use the number button pad to enter a new four-digit password when prompted.



7 Use the number button pad to re-enter the new four-digit password when prompted, then press **ENTER** button to confirm the new password.

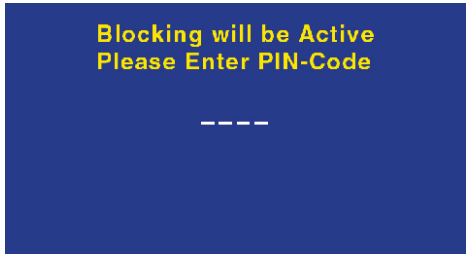
Resetting your customized password

If you forget your password there is a way to change it.

To reset your password:

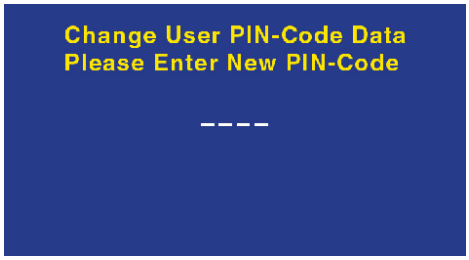
1. Press the **MENU** button on remote control to open the OSD.
2. Press the **MENU** button again until the *Setup Menu* opens.

3. Press the △ and ▽ buttons to select the **Parental Control** sub-menu, then press **ENTER** to open the menu.

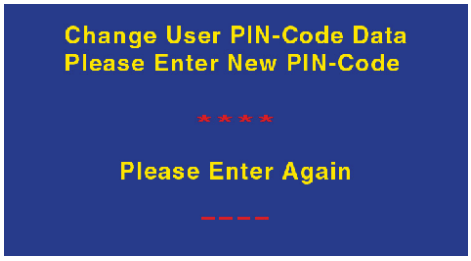


4. Use the number pad to enter **8792** when prompted.

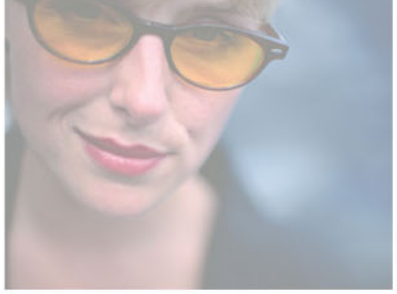
5 Press the △ and ▽ buttons to select the **NEW PIN-code** option, then press **ENTER**.



6 Use the number button pad to enter a new four-digit password.



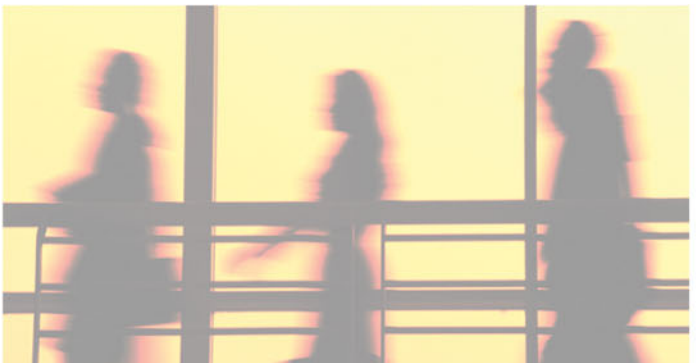
7 Use the number button pad to re-enter a new four-digit password, then press **ENTER** button to confirm the change.



Maintenance and Troubleshooting

4

Read this chapter to learn how to maintain and troubleshoot your LCD TV.



Cleaning and maintenance

Cleaning the screen

- Do not use substances such as glass cleaners, solvents, and thinners.
- The screen of your LCD TV has been specially treated. Wipe the surface gently using only a cleaning cloth or a soft, lint-free cloth.
- If the surface is particular dirty, use a soft cloth and water to clean the screen. Squirt a little water on the cloth (never directly on the screen), then wipe the screen with the cloth.

Warning

The screen of your LCD TV is made of specially coated glass and can be scratched or damaged by abrasive or ammonia-based window cleaners.

Scratches on the bezel or glass are not covered by your warranty.

- Do not scratch or hit the surface of the screen with your fingers or any hard objects.

Cleaning the exterior

- Your LCD TV is cooled by air circulated through the vents on the case, so keep the vents free of dust. With your LCD TV turned off and unplugged, brush the dust away from the vents with a damp cloth. Be careful not to drip any water into the vents. Do not attempt to clean dust from the inside of your LCD TV.
- Do not use abrasive or solvent cleaners because they can damage the finish on components.
- Do not allow any excessive water or moisture to come into contact with the surface of your LCD TV. If water or moisture gets inside your LCD TV, operating problems and electrical and shock hazards may result.
- Do not scratch or hit the cabinet with your fingers or any hard objects.
- Do not place articles made from rubber or PVC near the cabinet for any extended periods of time.

Troubleshooting

Use the following information to solve common problems.

LCD TV

You cannot see a picture

- Make sure that the power cord is plugged into a grounded electrical outlet.
- Make sure that the power button is turned on.
- Make sure that the selected video input source is connected to a working component.
- If your DVD player is connected with component (YPbPr) video, make sure that your DVD player is not set for progressive output.
- If your LCD TV is connected to your computer in RGB (PC) mode, press any key on your keyboard to “wake” your computer.

You see a distorted picture or hear unusual sound

- You may be getting interference from electrical appliances, cars, motorcycles, or fluorescent lights. Try moving your LCD TV to another location.

The color is abnormal

- Make sure that the input source cable is connected securely and correctly to the back of your LCD TV.

The picture has abnormal patterns

- Make sure that the input source cable is attached securely and correctly.
- Make sure that the video input source is within the range of your LCD TV. Compare the video input source’s specifications with your LCD TV specifications.

You can see a picture but you cannot hear sound

- Make sure that the volume is not turned down.
- Make sure that the sound is not muted.
- Make sure that your audio input source cables are connected securely and correctly.

The monitor has pixels that are always bright, dark, or colored

- Your LCD TV is manufactured using an extremely high level of precision technology. However, sometimes some pixels of your LCD TV may not display correctly. Pixel defects within industry specifications are inherent to this type of product and do not constitute a defective product.

You see “noise” or “trash” on the screen

- When your LCD TV’s digital capabilities exceed a digital broadcast signal, the signal is up-converted (increased) to match your LCD TV’s display capabilities. Up-converting can cause noise or trash.

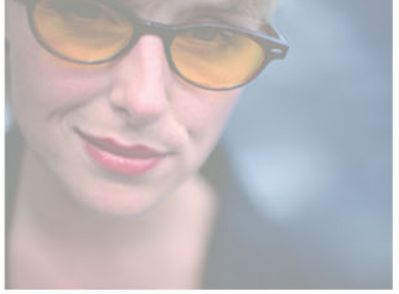
Screen brightness is diminished

- Video display devices experience degradation of brightness over the life of the device. Normal brightness degradation is not covered by your warranty.

Telephone support

If this troubleshooting information does not resolve your problem or if you have other questions relating to your LCD TV, call our Service Center at 888-737-MyGW (6949).

For more information about Gateway, visit www.gateway.com.



Safety, Regulatory, and Legal Information

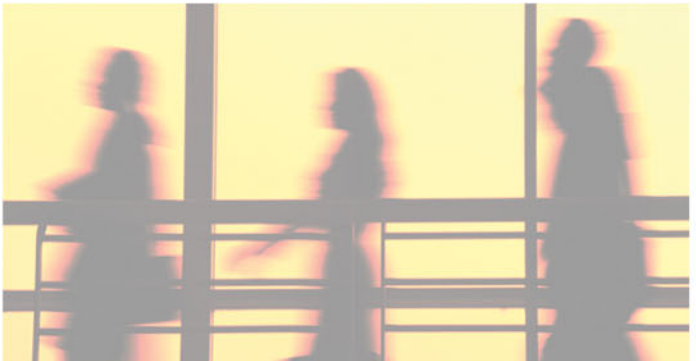
A

Regulatory compliance statements

United States of America

Federal Communications Commission (FCC)
Unintentional emitter per FCC Part 15

This device has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.



This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio or television reception. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio and television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment to an outlet on a different circuit from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help.

Compliance Accessories: The accessories associated with this equipment are: shielded video cable when an external monitor is connected. These accessories are required to be used in order to ensure compliance with FCC rules.

FCC declaration of conformity

Responsible party:

Gateway Companies, Inc.
610 Gateway Drive, North Sioux City, SD 57049
(605) 232-2000 Fax: (605) 232-2023

Product:

- GTW-L18M103 LCD TV

This device complies with Part 15 of the FCC Rules. Operation of this product is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Caution

Changes or modifications not expressly approved by Gateway could void the FCC compliance and negate your authority to operate the product.

Canada

Industry Canada (IC)
Unintentional emitter per ICES-003

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the radio interference regulations of Industry Canada.

Le présent appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de Classe B prescrites dans le règlement sur le brouillage radioélectrique édicté par Industrie Canada.

Laser safety statement

All Gateway systems equipped with CD and DVD drives comply with the appropriate safety standards, including IEC 825. The laser devices in these components are classified as "Class 1 Laser Products" under a US Department of Health and Human Services (DHHS) Radiation Performance Standard. Should the unit ever need servicing, contact an authorized service location.

Warning

Use of controls or adjustments or performance of procedures other than those specified in this manual may result in hazardous radiation exposure. To prevent exposure to laser beams, do not try to open the enclosure of a CD or DVD drive.

California Proposition 65 Warning

Warning

This product contains chemicals, including lead, known to the State of California to cause cancer and/or birth defects or reproductive harm.

Television antenna connectors protection (for systems fitted with TV/cable TV tuner cards)

External television antenna grounding

If an outside antenna or cable system is to be connected to your Gateway PC, make sure that the antenna or cable system is electrically grounded to provide some protection against voltage surges and static charges.

Article 810 of the National Electrical Code, ANSI/NFPSA 70, provides information with regard to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.

Lightning protection

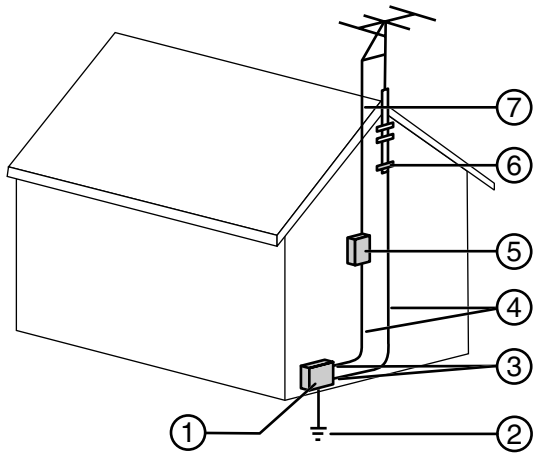
For added protection of any Gateway product during a lightning storm or when it is left unattended or unused for long periods of time, unplug the product from the wall outlet and disconnect the antenna or cable system.

Power lines

Do not locate the antenna near overhead light or power circuits, or where it could fall into such power lines or circuits.

Warning

When installing or realigning an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits. Contact with them could be fatal.



Antenna and satellite grounding

Reference	Grounding component
1	Electric service equipment
2	Power service grounding electrode system (NEC Art 250, Part H)
3	Ground clamps
4	Grounding conductors (NEC Section 810-21)
5	Antenna discharge unit (NEC Section 810-20)
6	Ground clamp
7	Antenna lead-in wire

Notices

Copyright © 2003 Gateway, Inc.
All Rights Reserved
14303 Gateway Place
Poway, CA 92064 USA

All Rights Reserved

This publication is protected by copyright and all rights are reserved. No part of it may be reproduced or transmitted by any means or in any form, without prior consent in writing from Gateway.

The information in this manual has been carefully checked and is believed to be accurate. However, changes are made periodically. These changes are incorporated in newer publication editions. Gateway may improve and/or change products described in this publication at any time. Due to continuing system improvements, Gateway is not responsible for inaccurate information which may appear in this manual. For the latest product updates, consult the Gateway Web site at www.gateway.com. In no event will Gateway be liable for direct, indirect, special, exemplary, incidental, or consequential damages resulting from any defect or omission in this manual, even if advised of the possibility of such damages.

In the interest of continued product development, Gateway reserves the right to make improvements in this manual and the products it describes at any time, without notices or obligation.

Trademark Acknowledgments

1-800-GATEWAY, ActiveCPR, ALR, AnyKey, black-and-white spot design, CrystalScan, Destination, DestiVu, EZ Pad, EZ Point, Field Mouse, Gateway 2000, Gateway Country, gateway.net, Gateway stylized logo, Perfect Scholar, Solo, TelePath, Vivitron, stylized “G” design, and “You’ve got a friend in the business” slogan are registered trademarks and black-and-white spotted box logo, GATEWAY, Gateway Astro, Gateway@Work, Gateway Connected touch pad, Gateway Connected music player, Gateway Cyber:)Ware, Gateway Education:)Ware, Gateway Flex Case, Gateway Gaming:)Ware, Gateway GoBack, Gateway Gold, Gateway Learning:)Ware, Gateway Magazine, Gateway Micro Server, Gateway Money:)Ware, Gateway Music:)Ware, Gateway Networking Solutions, Gateway Online Network (O.N.) solution, Gateway Photo:)Ware, Gateway Professional PCs, Gateway Profile, Gateway Solo, green stylized GATEWAY, green stylized Gateway logo, Gateway Teacher:)Ware, Gateway Video:)Ware, HelpSpot, InforManager, Just click it!, Learn@Gateway, Kids BackPack, SERVE-TO-ORDER, Server Watchdog, the Spotted G Gateway Logo and the Spotted G Logo, SpotShop, Spotshop.com, and Your:)Ware are trademarks of Gateway, Inc. Intel, Intel Inside logo, and Pentium are registered trademarks and MMX is a trademark of Intel Corporation. Microsoft, MS, MS-DOS, and Windows are trademarks or registered trademarks of Microsoft Corporation. All other product names mentioned herein are used for identification purposes only, and may be the trademarks or registered trademarks of their respective companies.

Index

A

accessories 7
adjust
  brightness 29, 30
  color 29, 30
  contrast 29, 30
  OSD settings 28
  sound 29
  TV settings 29
antenna connection 12
audio and video connection 11, 12
audio in connection 12
audio out connection 12

B

back panel connections 11
batteries 5
  installing 14
brightness 29, 30

C

cable
  CATV 5
  composite (AV) 6
  TV antenna 6
cable kits 7
cable TV
  connecting coaxial (RF) 24
CATV cable 5
channel up and down buttons 10
cleaning 42
  exterior 42
  screen 42
closed captioning 29
coaxial (RF) video 16
  connection 12
color 29
component video 16
  connection 12
composite (AV) 16
  cable 6
  connection 12
computer
  connecting RGB video 25
connecting
  cable TV 24
  computer 25
  DVD player 17
  HDTV decoder set-top box 20
  off-air TV 24
  power cord 8
  VCR 21
  video camera 21
connections
  antenna 12
  audio and video 11, 12
  audio in 12
  back panel 11
  component video 12
  composite video 12
  PC audio in 12
  RGB 11
  S-Video 12
contrast 29, 30

D

DVD player
  connecting component video 17
  connecting composite video 19
  connecting S-Video 18

F

features 2
front controls 9

H

HDTV decoder set-top box
  connecting component video 20

I

image adjust menu 31
Input button 10

L

left and right buttons 28

M

main menu 30
maintenance 41, 42
Menu button 10, 28

O

off-air TV
  connecting coaxial (RF) 24
on-screen display
  see OSD
option menu 29
OSD 28
  brightness 29, 30
  closed captioning 29
  color 29
  contrast 29, 30
  image adjust menu 31
  main menu 30
  option menu 29
  Parental Control 30
  picture menu 29
  PIP menu 31
  setup menu 30, 31
  sound menu 29

P

parental controls 30
  setting 33
password 33, 36
  changing 36
  resetting 38
  setting 36
PC audio in 12
picture menu 29
PIP menu 31
power button 10
power cord 6
  connection 8

R

remote control 5
  buttons 13
  installing batteries 14
RGB connection 11

S

safety 3
Service Center 44
setting up
  safety precautions 3
setup menu 30, 31
sleep timer 32
  setting 32
  turn off 32
sound menu 29
status LED 10
support 44
S-Video 16
  connection 12

T

troubleshooting 41, 43
turn on TV 8
TV antenna cable 6

U

up and down buttons 28

V

VCR
  connecting coaxial (RF) 23
  connecting composite video 22
  connecting S-Video 21
video camera
  connecting composite video 22
  connecting S-Video 21
video connections
  types of 16
volume up and down buttons 10

MAN MON18"LCD TV GDE R0 6/03

8509201